

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
 )  
Steven A. MOORE )  
 )  
Serial No.: To be assigned )  
 )  
Filed: December 29, 2003 )  
 )  
For: ULTRA-WIDEBAND PULSE )  
MODULATION SYSTEM AND )  
METHOD )  
 )

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San Diego, California  
December 29, 2003

MAIL STOP PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir or Madam:

In accordance with 37 C.F.R. § 1.56, Applicant makes the documents listed on the enclosed form PTO/SB/08 (submitted in duplicate) of record in the above-identified application. In accordance with 37 C.F.R. § 1.97, this statement is not to be construed as a representation that a search has been made, and is not a representation that the information cited is effective as prior art to the application or is material to patentability.

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**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this correspondence, and anything being referred to as enclosed herein, is being deposited with the United States Postal Service via Express Mail Post Office to Addressee Label No. EV292299473US, with sufficient postage in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Date: December 29, 2003

By: Gregory P. Austin  
Gregory P. Austin

The documents listed on the enclosed form PTO/SB/08 were cited in earlier application Serial No. 10/294,021. Therefore, in accordance with 37 C.F.R. § 1.98(d), copies of the documents listed on the enclosed form PTO/SB/08 are not enclosed.

It is respectfully requested that the documents listed on the enclosed form PTO/SB/08 be (1) fully considered by the U.S. Patent and Trademark Office in the examination of the above-identified application; and (2) printed on any patent which may issue on this application. It is also respectfully requested that a copy of the enclosed form PTO/SB/08, as considered and initialed by the Examiner, be returned to the undersigned with the next communication in accordance with M.P.E.P. § 609.

This Information Disclosure Statement is filed within three months of the filing date of the above-identified application, pursuant to 37 C.F.R. 1.97(b). Therefore, it is believed that no fee is required in connection with this submission. In the event that a fee is required, please charge our Deposit Account No. 50-2298, in the name of Luce, Forward, Hamilton & Scripps LLP.

Respectfully submitted,

12.29.03

Date



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Attorney for Applicant(s)

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Control number.			
Substitute for form 1449A/PTO		<b>Compleat if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		Application Number	To be assigned
		Filing Date	December 29, 2003
		First Named Inventor	Steven A. Moore
		Art Unit	To be assigned
		Examiner Name	To be assigned
		Attorney Docket Number	30287-118
Sheet	1	of	3

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number- Kind Code <sup>2</sup> (if known)			
		US- 6,373,377	04-16-2002	Sacca et al.	
		US- 6,281,784	08-28-2001	Redgate et al.	
		US- 6,178,217	01-23-2001	Defries et al.	
		US- 6,163,873	12-19-2000	Murano	
		US- 6,041,051	03-21-2000	Doshi et al.	
		US- 6,040,759	03-21-2000	Sanderson	
		US- 6,031,862	02-29-2000	Fullerton et al.	
		US- 6,026,125	02-15-2000	Larrick, Jr. et al.	
		US- 5,982,276	11-09-1999	Stewart	
		US- 5,940,387	08-17-1999	Humpleman	
		US- 5,937,342	08-10-1999	Kline	
		US- 5,864,284	01-26-1999	Sanderson	
		US- 5,862,141	01-19-1999	Trotter	
		US- 5,774,526	06-30-1998	Propp et al.	
		US- 5,745,837	04-28-1998	Fuhrmann	
		US- 5,729,607	03-17-1998	DeFries et al.	
		US- 5,687,169	11-11-1997	Fullerton	
		US- 5,677,927	10-14-1997	Fullerton et al.	
		US- 5,586,145	12-17-1996	Morgan et al.	
		US- 5,554,968	09-10-1996	Lee	

[illegible]

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

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<b>First Named Inventor</b>	Steven A. Moore
<b>Art Unit</b>	To be assigned
<b>Examiner Name</b>	To be assigned
<b>Attorney Docket Number</b>	30287-118

English language translation is attached.

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Substitute for form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	To be assigned
		Filing Date	December 29, 2003
		First Named Inventor	Steven A. Moore
		Group Art Unit	To be assigned
		Examiner Name	To be assigned
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Sheet	3	of	3

[illegible]

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		US- 5,526,349	06-11-1996	Diaz et al.	
		US- 5,519,400	05-21-1996	McEwan	
		US- 5,491,463	02-13-1996	Sargeant et al.	
		US- 5,363,108	11-08-1994	Fullerton	
		US- 5,166,890	11-24-1992	Smischny	
		US- 5,146,616	09-08-1992	Tang et al.	
		US- 5,051,720	09-24-1991	Kittirutsunetom	
		US- 4,979,186	12-18-1990	Fullerton	
		US- 4,864,589	09-05-1989	Endo	
		US- 4,815,106	03-21-1989	Propp et al.	
		US- 4,813,057	03-14-1989	Fullerton	
		US- 4,743,906	05-10-1988	Fullerton	
		US- 4,641,317	02-03-1987	Fullerton	
		US- 4,427,982	01-24-1984	Caprio	
		US- 3,728,632	04-17-1973	Ross	
		US- 3,678,204	07-18-1972	Harmuth	
		US- 3,668,639	06-06-1972	Harmuth	
		US- 2002/0076193 A1	06-20-2002	Melick et al.	
		US- 2002/0075972 A1	06-20-2002	Richards et al.	
		US- 2001/0033610 A1	10-25-2001	Chastain	

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